

1 **ABSTRACT**

2 A wireless repeater with a diverse communications interface capability
3 and the method of managing the same, in which the wireless repeater is prepared
4 with multiple wireless/mobile communications system drivers and can switch to
5 an appropriate system driver to match the target system, that may only support a
6 particular version of wireless communications protocols, running on a remote
7 personal communications device, a mobile communications system, or a WLAN
8 for establishing bi-directional communication between the personal computing
9 device and the target system. Further, the wireless repeater can also be operated
10 with a net phone (VoIP), and support infra-red transmission. Thus, the present
11 invention accomplishes the goals of integrating a computer and a
12 communications device under one system, reducing user's telephone rates and
13 increasing system mobility.